Virus Research, 28 (1993) 307–308

© 1993 Elsevier Science Publishers B.V. All rights reserved 0168-1702/93/$06.00

Author Index

Apiwatnakorn, B., see Mizukoshi, N. (28) 299

Beneduce, F., see Morace, G. (28) 187
Berg, M., see Oxburgh, L. (28) 263
Bi, S.-L., Purdy, M.A., McCaustland, K.A., Margolis, H.S. and Bradley, D.W.
The sequence of hepatitis E virus isolated directly from a single source during an outbreak in China (28) 233
Bloom, D.C., Stern, R., Duke, M., Smith, D. and Moyer, R.W.
A revised *Hin*dIII map and sequence analysis of a large 'left-hand' non-essential region of the rabbit poxvirus genome (28) 125
Bradley, D.W., see Bi, S.-L. (28) 233
Brandsma, J.L., see Gaertner, D.J. (28) 1

Christensen, N.D. and Kreider, J.W.
Monoclonal antibody neutralization of BPV-1 (28) 195
Collisson, E.W., see Williams, A.K. (28) 19
Consigli, R.A., see Funk, C.J. (28) 57
Covey, S.N., see Turner, D.S. (28) 171
Cox, N.J., see Xu, X. (28) 37

Divizia, M., see Morace, G. (28) 187
Doerfler, W., see Schorr, J. (28) 153
Dopazo, J., see Rojas, J.M. (28) 249
Duke, M., see Bloom, D.C. (28) 125

Edelbaum, O., see Stram, Y. (28) 29
Emmoth, E., see Oxburgh, L. (28) 263

Fernandez-Sesma, A., see Piccone, M.E. (28) 99
Fukusho, A., see Mizukoshi, N. (28) 299
Funk, C.J. and Consigli, R.A.
Temporal expression and immunogold localization of *Plodia interpunctella* granulosis virus structural proteins (28) 57

Gaertner, D.J., Jacoby, R.O., Johnson, E.A., Paturzo, F.X., Smith, A.L. and Brandsma, J.L.
Characterization of acute rat parvovirus infection by in situ hybridization (28) 1
Gashnikov, P.V., see Shchelkunov, S.N. (28) 273
Ge, Z., Hiruki, C. and Roy, K.L.
Nucleotide sequence of sweet clover necrotic mosaic dianthovirus RNA-1 (28) 113
Ghosh, H.P., see Gilbert, R. (28) 217
Gilbert, R. and Ghosh, H.P.
Immunoelectron microscopic localization of herpes simplex virus glycoprotein gB in the nuclear envelope of infected cells (28) 217
Goh, D.K.S.
Identification and immunocharacterization of a 25K structural protein in *Autographa californica* nuclear polyhedrosis virus (AcMNPV) (28) 141
Gould, A.R., see Yu, M. (28) 203
Graham, F.L., see Mittal, S.K. (28) 67

Hiruki, C., see Ge, Z. (28) 113

Iwata, A., see Mizukoshi, N. (28) 299

Jacoby, R.O., see Gaertner, D.J. (28) 1
Johnson, D.C., see Mittal, S.K. (28) 67
Johnson, E.A., see Gaertner, D.J. (28) 1

Kamada, M., see Mizukoshi, N. (28) 299
Karchi, H., see Stram, Y. (28) 29
Karchi, M., see Stram, Y. (28) 29
Kendal, A.P., see Xu, X. (28) 37
Klingeborn, B., see Oxburgh, L. (28) 263
Kreider, J.W., see Christensen, N.D. (28) 195

Linné, T., see Oxburgh, L. (28) 263
López-Galíndez, C., see Rojas, J.M. (28) 249

Manning, J.R.S., see Roberts, S.R. (28) 285
Margolis, H.S., see Bi, S.-L. (28) 233
Martín-Blanco, E., see Rojas, J.M. (28) 249
McCaustland, K.A., see Bi, S.-L. (28) 233
McColl, K.A., see Yu, M. (28) 203
McDermott, M.R., see Mittal, S.K. (28) 67

Mittal, S.K., McDermott, M.R., Johnson, D.C., Prevec, L. and Graham, F.L.
Monitoring foreign gene expression by a human adenovirus-based vector using the firefly luciferase gene as a reporter (28) 67
Mizukoshi, N., Sakamoto, K., Iwata, A., Tsuchiya, T., Ueda, S., Apiwatnakorn, B., Kamada, M. and Fukusho, A.
The complete nucleotide sequence of African horsesickness virus serotype 4 (vaccine strain) segment 4, which encodes the minor core protein VP4 (28) 299
Morace, G., Pisani, G., Beneduce, F., Divizia, M. and Panà, A.
Mutations in the 3A genomic region of two cytopathic strains of hepatitis A virus isolated in Italy (28) 187
Moyer, R.W., see Bloom, D.C. (28) 125

Oxburgh, L., Berg, M., Klingeborn, B., Emmoth, E. and Linné, T.
Equine influenza virus from the 1991 Swedish epizootic shows major genetic and antigenic divergence from the prototype virus (28) 263

Palese, P., see Piccone, M.E. (28) 99
Panà, A., see Morace, G. (28) 187
Paturzo, F.X., see Gaertner, D.J. (28) 1
Piccone, M.E., Fernandez-Sesma, A. and Palese, P.
Mutational analysis of the influenza virus vRNA promoter (28) 99
Pisani, G., see Morace, G. (28) 187
Prevec, L., see Mittal, S.K. (28) 67
Purdy, M.A., see Bi, S.-L. (28) 233

Regenery, H.L., see Xu, X. (28) 37
Roberts, S.R. and Manning, J.R.S.
The major envelope glycoprotein of the extracellular virion of *Autographa californica* nuclear polyhedrosis virus possesses at least three distinct neutralizing epitopes (28) 285
Rocha, E.P., see Xu, X. (28) 37
Rojas, J.M., Dopazo, J., Martín-Blanco, E., López-Galíndez, C. and Tabarés, E.
Analysis of genetic variability of populations of herpes simplex viruses (28) 249
Roy, K.L., see Ge, Z. (28) 113
Ryazankina, O.I., see Shchelkunov, S.N. (28) 273

Sakamoto, K., see Mizukoshi, N. (28) 299
Schorr, J. and Doerfler, W.
Non-homologous recombination between adenovirus and AcNPV DNA fragments in cell-free extracts from insect *Spodoptera frugiperda* nuclei (28) 153
Sela, I., see Stram, Y. (28) 29
Shchelkunov, S.N., Ryazankina, O.I. and Gashnikov, P.V.
The gene encoding the late nonstructural 36K protein of vaccinia virus is essential for virus reproduction (28) 273
Smith, A.L., see Gaertner, D.J. (28) 1
Smith, D., see Bloom, D.C. (28) 125
Sneed, L.W., see Williams, A.K. (28) 19
Stern, R., see Bloom, D.C. (28) 125
Stram, Y., Sela, I., Edelbaum, O., Tanne, E., Karchi, M. and Karchi, H.
Expression and assembly of the potato virus Y (PVY) coat protein (CP) in *Escherichia coli* cells (28) 29

Tabarés, E., see Rojas, J.M. (28) 249
Tanne, E., see Stram, Y. (28) 29
Tsuchiya, T., see Mizukoshi, N. (28) 299
Turner, D.S. and Covey, S.N.
Reverse transcription products generated by defective plus-strand synthesis during cauliflower mosaic virus replication (28) 171

Ueda, S., see Mizukoshi, N. (28) 299

Wang, L., see Williams, A.K. (28) 19
Williams, A.K., Wang, L., Sneed, L.W. and Collisson, E.W.
Analysis of a hypervariable region in the 3′ non-coding end of the infectious bronchitis virus genome (28) 19

Xu, X., Rocha, E.P., Regenery, H.L., Kendal, A.P. and Cox, N.J.
Genetic and antigenic analyses of influenza A (H1N1) viruses, 1986–1991 (28) 37

Yu, M., McColl, K.A. and Gould, A.R.
Cloning and nucleotide sequence determination of the major envelope glycoprotein (gp55) gene of hog cholera virus (Weybridge) (28) 203

Virus Research, 28 (1993) 309–310
© 1993 Elsevier Science Publishers B.V. All rights reserved 0168-1702/93/$06.00

Subject Index

AcMNPV, (28) 141, (28) 285
Adenovirus, (28) 153
African horsesickness virus, (28) 299
3A gene, (28) 187
Antigen capture, (28) 233
Antigenic drift, (28) 263
Assembly, (28) 29
Autographa californica nuclear polyhedrosis virus, (28) 153

Baculovirus, (28) 141
Bipartite genome, (28) 113
Bovine papillomavirus, (28) 195

CAT expression, (28) 99
Cauliflower mosaic virus, (28) 171
China, (28) 233
Coat protein, (28) 29
Coat protein sequence comparison, (28) 113
Conformational epitope, (28) 195
Cowpox virus 77 kDa protein, (28) 125
Cytopathic effect, (28) 187

Dideoxy chain termination method, (28) 233

Equine influenza, (28) 263
Evolution, (28) 37
Expression vector, (28) 67

Fractionation of nuclear extracts for cell-free recombination, (28) 153

Gene therapy, (28) 67
Genetic drift, (28) 263
Genetic variability, (28) 249
Gene transfer, (28) 67
Glycoprotein, (28) 203
Glycoprotein gB-1, (28) 217
gp64, (28) 285
Granulosis virus, (28) 57

HA sequencing, (28) 37
HAV, (28) 187
Hepatitis E, (28) 233
Herpes simplex virus, (28) 249
Herpesvirus envelopment, (28) 217
Hog cholera virus, (28) 203
Host range gene, (28) 125
Human adenovirus, (28) 67
Hypervariable region, (28) 19

Immunoelectron microscopy, (28) 141
Immunogold labeling, (28) 57
Indirect immunofluorescent assay, (28) 141
Infections bronchitis virus, (28) 19
Influenza A (H1N1), (28) 37
Influenza virus, (28) 99
In situ hybridization, (28) 1
Integration plasmid, (28) 273
In vitro transcription/replication, (28) 99

25K structural protein, (28) 141

Limited proteolysis, (28) 285
Luciferase, (28) 67

Monoclonal antibody, (28) 195, (28) 285
Motif of the putative viral RNA-dependent RNA polymerases, (28) 113

Neutralization, (28) 195, (28) 285
Nuclear envelope, (28) 217
Nucleotide sequence, (28) 125
Nucleotide sequence , (28) 299

Orbivirus, (28) 299
Orthopoxvirus, (28) 273

Pathogenesis, (28) 1
Pestivirus, (28) 203
Phylogenetic tree, (28) 249
Plodia interpunctella, (28) 57
Plus-strand synthesis, (28) 171
Polymerase chain reaction, (28) 153, (28) 203
Protein targeting, (28) 217
PVY, (28) 29

Rabbit poxvirus, (28) 125
Rat parvovirus, (28) 1
Recombination, (28) 273
Reverse genetics, (28) 99
Reverse transcription, (28) 171
Ribonucleoprotein transfection, (28) 99
vRNA promoter, (28) 99

Segment 4, (28) 299
Sequence, (28) 203
Sequencing, (28) 19
Serpin-enzyme-complex, (28) 125
Strand-specific probe, (28) 1

T7 promoter/polymerase, (28) 29

Vaccinia virus, (28) 125, (28) 273
Viral genome organization, (28) 113
VP 4, (28) 299